



# **Sorghum Bibliography 1970-73**

AECNC 124



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## Foreword

One of the main functions of SMIC, the Sorghum and Millets Information Center, is to collect, collate, and disseminate information on sorghum and millets to research workers all over the world. Accordingly, SMIC personnel have been engaged in collecting references on sorghum and millets (and also copies of the original documents whenever possible), since its establishment in 1977.

SMIC has now embarked upon a program of publishing retrospective bibliographies on sorghum and millets. *Sorgho: Bibliographie Annotée de la Documentation Internationale en Français, 1900-1976*, was the first retrospective bibliography brought out by SMIC, published in September 1980. *Sorghum Bibliography 1970-73*, the present publication will be followed by *Sorghum Bibliography 1974-76 and Millets Bibliography 1970-76*. *Sorghum Bibliography 1977-80 and Millets Bibliography 1977-80* are under preparation. The bibliographic activities of SMIC are being carried out by a team of documentalists consisting of J. Arora, P. Divakar, R.G. Naidu, and S. Prasannalakshmi, under the guidance of S. Dutta, Head, Library and Documentation Services of ICRISAT. I sincerely hope that the research workers in the fields of sorghum and millets will find their efforts worthwhile.

J.S. KANWAR  
Director, Research  
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## Preface

The *Sorghum Bibliography 1970-76*, now being brought out by SMIC, is intended as a sequel to the excellent publication *Sorghum: A Bibliography of the World Literature, 1964-69*, compiled by Baljeet Kaur under the guidance of Leland R. House and published by the Scarecrow Press in 1973 under the authorship of the Indian Agricultural Program of The Rockefeller Foundation. Originally it was intended to bring out the new bibliography in one volume. But later it was felt that the number of references were too many, and that it would result in too bulky a volume. Hence it has been decided to publish two independent volumes, covering the periods 1970-73 and 1974-76.

Since its establishment, SMIC's personnel have been busy in collecting references (and where possible, copies of the original documents) on sorghum and millets from a wide network of sources. Besides 600 primary periodicals, and such secondary services as *Agrindex*, *Indian Science Abstracts*, *Sorghum and Millets Abstracts* available in the ICRISAT library, other important sources of information have been the printouts from the following data bases: AGRICOLA, BIOSIS, CAB, CAN/SDI, IRAT, and the NTIS.

All references culled from the data bases were checked with the references collected from the ICRISAT library, to avoid duplication. A great deal of sifting and standardization work was involved, since there was overlap between the entries received from the various data bases, and the data-base bibliographic entries were not rendered uniformly.

Entries have been arranged according to the broad subject groups indicated in the table of contents. The pattern followed is similar to the 1964-69 *Bibliography*. Within each subject group, entries are arranged alphabetically by the author. For entries by the same author, chronological order has been followed.

Bibliographical entries contain sufficient data to identify the original document. Since in a number of cases the original documents were not available for checking, it has not been possible to furnish full details in all the entries.

Titles in foreign languages have been translated into English and the language of the original indicated in parentheses immediately after the translated title. AGRIS abbreviations have been used for languages. Language codes used in the entries are given on page x. Names of the periodicals have been given in full. However, names of the well-known institutions have been abbreviated to their acronym forms, and a list of acronyms, with their expansions, is accordingly given on page ix.

There are three indexes—author, subject, and geographic. In geographic index entries have been given under the countries concerned. Only in cases of India and the USA, where much relevant research work is being carried out, have entries been given under the State name, where available.

The main collection and compilation work for this *Bibliography* was initiated by C.D. Handa and Chandra Vaidyanathan and continued by R.G. Naidu, who has given the document its final shape. P.J. Kemp, IDRC Consultant to the SMIC Project, checked the foreign language entries. S. Prasannalakshmi helped in the standardization of bibliographical citations, and P. Divakar in the preparation of the subject and geographic indexes.

The contribution of the Information Services, ICRISAT, in the final editing and printing, is gratefully acknowledged.

This publication is made possible by the financial assistance received from IDRC, Canada, for the SMIC Project.

Subrata Dutta  
Head, Library and Documentation Services  
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## **List of Acronyms**

AAAS	American Association for the Advancement of Science
AICSIP	All India Coordinated Sorghum Improvement Project
APAU	Andhra Pradesh Agricultural University
ARC	Agricultural Research Council
ARS	Agricultural Research Service
ASAE	American Society of Agricultural Engineers
CIANO	Centro de Investigaciones Agricolas del Noroeste
CIAT	Centro Internacional de Agricultura Tropical
CNRA	Centre National de Recherches Agronomiques
CREA	Centre de Recherches et des Etudes Administratives
CSIR	Council of Scientific and Industrial Research
EAAFRO	East African Agriculture and Forestry Research Organization
FAO	Food and Agriculture Organization of the United Nations
FCI	Food Corporation of India
IADP	Intensive Agricultural District Programme
IAEC	International Atomic Energy Committee
IARI	Indian Agricultural Research Institute
IBP	International Biological Program
ICAR	Indian Council of Agricultural Research
INTA	Instituto Nacional de Tecnologia Agropecuaria
IRAT	Institut de Recherches Agronomiques Tropicales et des Cultures Vivrières
IRRI	International Rice Research Institute
JNKVV	Jawaharlal Nehru Krishi Vishwa Vidyalyaya
ORSTOM	Office de la Recherche Scientifique et Technique Outre-Mer
PCAR	Philippine Council for Agricultural Research
PCCMCA	Programa Cooperativo Centroamericano para el Mejoramiento de Cultivos Alimenticios
PKV	Punjabrao Krishi Vidyapeeth
SABRAO	Society for the Advancement of Breeding Researches in Asia and Oceania
SCPA	Société Commerciale des Potasses et de l'Azote
SGTHAG	Société Générale des Techniques Hydro- Agricoles Grenoble
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
USAID	United States Agency for International Development
USDA	United States Department of Agriculture

## **Language Codes Used in the Entries**

Al	Albanian	Ja	Japanese
Ar	Arabic	Ko	Korean
Bg	Bulgarian	Ma	Macedonian
Ch	Chinese	Nl	Dutch
Cz	Czech	Pl	Polish
Da	Danish	Pt	Portuguese
De	German	Ro	Romanian
En	English	Ru	Russian
Es	Spanish	Sh	Serbo-Croat
Fr	French	Sk	Slovak
Hu	Hungarian	Sn	Slovenian
In	Indonesian	Tr	Turkish
It	Italian	Uk	Ukrainian

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